

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Copper (II) Oxide Black 99% AR

Catalog Number : O-5073

Batch Number : 5073-01240524

CAS Number : 1317-38-0

Molecular Weight: 79.55 g/mol

Mol. Formula : CuO

Expire Date : 60 Months

**SAMPLE**

No	Test	Specifications	Results
1	Appearance	A black powder	A black powder
2	Assay ( complexometric)	min 99.0 %	99.35%
3	Substances insoluble in dilute HCl	max 0.02 %	0.0036%
4	Free alkali	passes test	passes test
5	Chloride (Cl)	max 0.005 %	0.0012%
6	Total sulphur (as SO <sub>4</sub> )	max 0.015 %	0.0027%
7	Total Nitrogen ( N )	max 0.002 %	0.00043%
8	Iron (Fe)	max 0.05 %	0.014%
9	Lead (Pb)	max 0.05 %	0.021%
10	Calcium (Ca)	max 0.01 %	0.0024%
11	Potassium (K)	max 0.01 %	0.0031%
12	Sodium (Na)	max 0.05 %	0.011%
13	Substances not precipitated by H <sub>2</sub> S (as SO <sub>4</sub> )	max 0.2 %	0.076%

Corresponds to AR/ACS Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.  
Manager QC